



MATERIAL SAFETY DATA SHEET

Product Name: Miracle-Gro® Garden Soil For Trees, Shrubs and Ornamentals Plus Plant Food 0.10-0.05-0.10 with 0.10% Iron
Page # 1 of 5

WHMIS

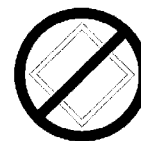
Protective Clothing

TDG Road / Rail



Not Controlled by WHMIS

None required for normal use.



Not Regulated

Section 1: Product and Company Information

Product Name: Miracle-Gro® Garden Soil For Trees, Shrubs and Ornamentals Plus Plant Food 0.10-0.05-0.10 with 0.10% Iron

Product Use: Garden Soil

**MSDS Record Number/
Product Code:** 72351

Synonyms: Not available

Chemical Family: Not applicable

WHMIS Classification: This product exempt from WHMIS classification.

TDG Classification: Not regulated

Manufacturer: Scotts Canada Ltd.
2000 Argentia Road, Plaza 5, Suite #101
Mississauga, Ontario
L5N 2R7

Supplier: Same as Manufacturer

Emergency Telephone: Medical Emergencies: 1-888-779-7919
Accident and Spill Emergencies: Canutec 1-613-996-6666

Section 2: Composition and Ingredient Information

Common Name	Chemical Name	CAS No.	Wt. %
No Hazardous Ingredients by WHMIS Criteria			

Note: See Section 8 of this MSDS for exposure limit data.



MATERIAL SAFETY DATA SHEET

Product Name: Miracle-Gro® Garden Soil For Trees, Shrubs and Ornamentals Plus Plant Food 0.10-0.05-0.10 with 0.10% Iron
Page # 2 of 5

Section 3: Hazards Identification

Appearance, Colour and Odour: Brown, fibrous mixture with an earthy odour.

Primary Route(s) of Exposure: Eye, Skin, Inhalation, Ingestion

POTENTIAL HEALTH EFFECTS:

ACUTE (short term): See Section 8 for exposure controls

Eye: Contact with the eyes may cause irritation by mechanical action.

Skin: Contact with the skin may cause irritation by mechanical action.

Inhalation: Dusts of this product may cause irritation of the respiratory system.

Ingestion: Ingestion of large amounts may cause gastro-intestinal discomfort.

CHRONIC (long term): (see Section 11 for additional toxicological data)
None known.

Medical Conditions Not applicable

Aggravated by Exposure:

Section 4: First Aid Measures

Inhalation: If inhaled, move to fresh air. If respiratory difficulty occurs or persists, obtain medical attention.

Eye Contact: If in eyes, splash repeatedly with plenty of clean water. If irritation persists, obtain medical attention.

Skin Contact: If on skin, brush away excess material and wash with soap and water.

Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. If gastro-intestinal discomfort occurs, obtain medical attention.

Section 5: Fire Fighting Measures

Flash Point and Method (°C): Not applicable.

Flammability Limits (%): Not applicable

Auto Ignition Temperature (°C): Not applicable

Extinguishing Media: Use extinguishing media appropriate for the surrounding fire. Dry chemical, water spray, chemical foam, carbon dioxide, water fog.

Unusual Fire and Explosion Sensitivity to Mechanical Impact: Not applicable

Hazards: Sensitivity to Static Discharge: Not applicable

Fire Fighting Instructions: Firefighters should wear full protective gear including self-contained breathing apparatus. This product will burn. Burning may continue inside the bags of this product. After extinguishing the surface fire, separate the pile and break apart the bags to ensure that the fire is extinguished.

Hazardous Combustion Combustion or thermal decomposition of this product may produce irritating and toxic gases.
Products: Decomposition products may include CO, CO₂, and dense smoke.



MATERIAL SAFETY DATA SHEET

Product Name: Miracle-Gro® Garden Soil For Trees, Shrubs and Ornamentals Plus Plant Food 0.10-0.05-0.10 with 0.10% Iron
Page # 3 of 5

Section 6: Accidental Release Measures

Air Release: Not available
Land Spill: Scoop or sweep up spills of this product. Wash the area with water.
Water Spill: Not available

Section 7: Handling and Storage

Storage Conditions: Store in a dry location.
Handling Precautions: Avoid contact with eyes and breathing dust.
General: No special handling or storage requirements.

Section 8: Exposure Controls and Personal Protection

<u>Ingredient</u>	<u>Ontario TWA EV</u> <u>(mg/m³)</u>	<u>ACGIH TLV</u> <u>(8-hr. TWA)</u> <u>(mg/m³)</u>	<u>U.S. OSHA PEL</u> <u>(8-hr. TWA)</u> <u>(mg/m³)</u>
Nuisance Particulates (inhalable)	10	15 (total dust)	15 (total dust)

Engineering Controls: General ventilation normally adequate.

Personal Protection:

Respiratory Protection: Not normally required. In workplaces where airborne dust levels exceed exposure limits, wear an approved dust mask.

Skin Protection: Not normally required. Wearing gardening gloves is recommended.

Eye Protection: Not normally required. Wear protective goggles in workplaces where airborne dust levels cause eye irritation.

Work/Hygienic Practices: Prevent the generation of airborne dust.

Section 9: Physical and Chemical Properties

Physical State: Solid
Appearance: Brown, fibrous mixture
Odour Type: Earthy odour
Odour Threshold: Not available
pH: 6.0-6.5
Specific Gravity: (water = 1) Not available
Boiling Point: Not applicable
Freezing Point: Not applicable
Viscosity: Not applicable
Vapor Pressure: (mm Hg @ 20°C) Not applicable
Vapor Density: (Air = 1) Not applicable
Solubility in Water: Contains some soluble salts.
Water / Oil distribution coefficient: Not applicable
Evaporation Rate: (n-Butyl Acetate = 1) Not applicable



MATERIAL SAFETY DATA SHEET

Product Name: Miracle-Gro® Garden Soil For Trees, Shrubs and Ornamentals Plus Plant Food 0.10-0.05-0.10 with 0.10% Iron
Page # 4 of 5

Section 10: Stability and Reactivity

Stability: Stable

Incompatible Materials and Conditions to Avoid: None known

Hazardous Decomposition Products: Combustion produces irritating and toxic gases similar to products of combustion from wood and other vegetative matter.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

<u>Product</u>	<u>LD₅₀ Oral</u> <u>(mg/kg)</u>	<u>LD₅₀ Dermal</u> <u>(mg/kg)</u>	<u>LC₅₀ Inhalation</u> <u>(ppm, 4 hrs.)</u>
Not applicable			

Irritancy: Direct contact is irritating to the eye. May be irritating to skin. Dusts may be irritating to the respiratory system.

Sensitization: Not applicable

Mutagenicity: Not applicable

Teratogenicity: Not applicable

Reproductive Effects: Not applicable

Toxicologically Synergistic Products: Not applicable

Carcinogenicity: The table below indicates whether or not each agency has listed each ingredient as a carcinogen.

<u>Ingredient</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>
Product	Not listed	Not listed	Not listed

ACGIH: (American Conference of Governmental Industrial Hygienists)

IARC: (International Agency for Research on Cancer)

NTP: (National Toxicity Program)

Section 12: Ecological Information

No adverse ecological effects are expected. Prevent release of this product into waterways.

Section 13: Disposal Considerations

Ontario Regulation 347: Not applicable

Other: Discard the empty container in household garbage. Follow municipal or provincial regulations where they apply.



MATERIAL SAFETY DATA SHEET

Product Name: Miracle-Gro® Garden Soil For Trees, Shrubs and Ornamentals Plus Plant Food 0.10-0.05-0.10 with 0.10% Iron
Page # 5 of 5

Section 14: Transport Information

Canadian Transportation of Dangerous Goods (TDG): Not regulated
U.S. Hazardous Materials Regulation (DOT 49CFR): Not regulated
IMO Classification: Not regulated
Marine Pollutants: Not regulated
ICAO/IATA Classification: Not regulated

Section 15: Regulatory Information

NSNR Status (Canada: New Substance Notification Regulations): All ingredients are listed, as required, on the Domestic Substances List (DSL).

WHMIS (Canada: Workplace Hazardous Materials Information System):

Status: Not Controlled

WHMIS Classifications: Exempt

NPRI Substances (Canada: National Pollutant Release Inventory): There are no NPRI reportable substances in this product.

Ontario Reg. 127: There are no Reg. 127 reportable substances in this product.

TSCA Status (U.S. Toxic Substance Control Act): All ingredients appear on the TSCA inventory.

Section 16: Other Information

NFPA Hazard Rating:

Acute Health	1
Flammability	0
Reactivity	0

Preparation Information:

Prepared by: LEHDER Environmental Services Limited
704 Mara Street, Suite 210
Pt. Edward, ON
N7V 1X4
www.lehder.com

Phone: 519-336-4101

Preparation date: 2004-11-03

Disclaimer: While LEHDER Environmental Services Limited believes that the data set forth herein is accurate, as of the date hereof, LEHDER makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.

Manufacturer Disclaimer: The information contained herein is, to the best of the Manufacturer's (see Section 1 Product and Company Information) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.